FORM PTO-1390 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 12-2004)

|                   |  | TRAI  | NSMI   | TTAL LETTER   | TO THE UNITED STA                 | TES              | ATTORNEY'S DOCKET NUMBER                       |  |  |  |  |  |  |  |
|-------------------|--|---|--|---|-----------------------------------|------------------|--|--|--|--|--|--|--|--|
|                   |  |   |  |   | D OFFICE (DO/EO/U                 |                  | 017700-0180-                                   |  |  |  |  |  |  |  |
|                   |  |   |  |   | G UNDER 35 U.S.C. 3               |                  | 10.45.53171 3.1.5                              |  |  |  |  |  |  |  |
| NITT              | CDA  |   |  | PPLICATION NO.  | INTERNATIONAL FILING D            |                  | PRIORITY DATE CLAIMED                          |  |  |  |  |  |  |  |
|                   |  |   | NAL AF<br>04/015   |   | 10/27/2004                        |                  | 11/21/2003                                     |  |  |  |  |  |  |  |
| TITI              | E (  | TE INIV   | ENTIO  | N.  | CONDUCTING MULTIFIL AM            |                  | LISING THE SUPERCONDUCTING WIRE.               |  |  |  |  |  |  |  |
| ;                 | SUPERCONDUCTING WIRE, SUPERCONDUCTING MULTIFILAMENTARY WIRE USING THE SUPERCONDUCTING WIRE, AND METHOD OF MANUFACTURING THE SAME |   |  |   |                                   |                  |  |  |  |  |  |  |  |  |
| APF               | LIC  | ANT(S   | S) FOR   | DO/EO/US  |                                   |                  |  |  |  |  |  |  |  |  |
| Ann               | Mur  | netsugi   | u UEYA   | AMA, et al.  Thmits to the United S   | tates Designated/Elected Office   | ce (DO/EO/US)    | the following items and other information:     |  |  |  |  |  |  |  |
| <b>∠</b> РР<br>1. | ⊠  |   | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.   |   |                                   |                  |  |  |  |  |  |  |  |  |
|                   | _  |   | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.  |   |                                   |                  |  |  |  |  |  |  |  |  |
| 2.                |  |   | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include  |   |                                   |                  |  |  |  |  |  |  |  |  |
| 3.                | $\boxtimes$  |   | This is an express request to begin national examination procedures (35 0.3.0. 37 (1)). The submission must make the submission must must make the |   |                                   |                  |  |  |  |  |  |  |  |  |
| 4.                | $\boxtimes$  |   | The U  | S has been elected (A   | rticle 31).                       |                  |  |  |  |  |  |  |  |  |
| 5.                | $\boxtimes$  | ı   | A copy   | A copy of the International Application as filed (35 U.S.C. 371(c)(2))                                      |                                   |                  |  |  |  |  |  |  |  |  |
|                   |  | ;   | $\boxtimes$  | to the International Purgui)  |                                   |                  |  |  |  |  |  |  |  |  |
|                   |  |   | $\boxtimes$  | has been communica  | ated by the International Burea   | au.              |  |  |  |  |  |  |  |  |
|                   |  |   |  | is not required, as the   | e application was filed in the U  | Inited States Re | eceiving Office (RO/US)                        |  |  |  |  |  |  |  |
| 6.                | $\boxtimes$  | ]   | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).   |   |                                   |                  |  |  |  |  |  |  |  |  |
|                   |  | •   | $\boxtimes$  | is attached hereto.   |                                   |                  |  |  |  |  |  |  |  |  |
| 1                 |  |   |  | has been previously   | submitted under 35 U.S.C. 15      | 4(a)(4).         | into 40 (25 H S.C. 371(c)(3))                  |  |  |  |  |  |  |  |
| 7.                | $\boxtimes$  | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  are attached hereto (required only if not transmitted by the International Bureau). |  |   |                                   |                  |  |  |  |  |  |  |  |  |
| 1                 |  | ,   |  | have been communi   | cated by the International Bur    | eau.             |  |  |  |  |  |  |  |  |
|                   |  | <b>\</b>  |  | have not been made  | ; however, the time limit for m   | aking such ame   | endments has NOT expired.                      |  |  |  |  |  |  |  |
|                   |  |   | $\boxtimes$  | have not been made  | and will not be made.             |                  | •  |  |  |  |  |  |  |  |
| 8.                |  | כ   | An Er  | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). |                                   |                  |  |  |  |  |  |  |  |  |
| 9.                | ⊵  | 3   | An oa  | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |                                   |                  |  |  |  |  |  |  |  |  |
| 10                | . [  | 3   | An English language translation of the annexes to the International Preliminary Examination Report under PCT Article   |   |                                   |                  |  |  |  |  |  |  |  |  |
|                   |  |   | 36 (3  | 5 U.S.C. 371(c)(5)).  |                                   |                  |  |  |  |  |  |  |  |  |
|                   |  | 44 45 9   | 20 hala  | ow concern other do   | cument(s) or information in       | cluded:          |  |  |  |  |  |  |  |  |
|                   |  |   | 20 DelC  | formation Disclosure  | Statement under 37 CFR 1.97       | and 1.98.        |  |  |  |  |  |  |  |  |
|                   | . D  | <u>-</u>  | An in  | reignment decument  | or recording. A senarate cove     | er sheet in comm | pliance with 37 CFR 3.28 and 3.31 is included. |  |  |  |  |  |  |  |
| 12                |  |   |  |   | or recording. A separate cove     | 3                |  |  |  |  |  |  |  |  |
|                   | 3. [2  |   |  | A preliminary amendment.  An Application Data Sheet under 37 CFR 1.76.                                      |                                   |                  |  |  |  |  |  |  |  |  |
|                   | l. [2  |   |  |   |                                   |                  |  |  |  |  |  |  |  |  |
| - 1               | 5. [   |   |  | ostitute specification.   | at a see of mildrage letter       |                  |  |  |  |  |  |  |  |  |
|                   | 3. [<br>- 5  |   | A po   | wer of attorney and/or  | change of address letter.         | rdance with PC   | T Rule 13ter.2 and 37 CFR 1.821 – 1.825        |  |  |  |  |  |  |  |
| - 1               | 7. [   |   | A cor  | mputer-readable form  | or the sequence ilsting in acco   | under 35 I I S C | 154(d)(4)                                      |  |  |  |  |  |  |  |
| 18                | 3. [   |   | A sec  | cond copy of the publi  | shed international application to | under 33 0.3.C.  | nlication under 35 H.S.C. 154(d)(4)            |  |  |  |  |  |  |  |
| 19                | 9. [   | ]   |  |   |                                   | international ap | plication under 35 U.S.C. 154(d)(4).           |  |  |  |  |  |  |  |
| - 1               | ). [   |   |  | r items or information  | :                                 |                  |  |  |  |  |  |  |  |  |
| E                 | ORM  | RM PTO-1390 (Modified)  |  |   |                                   |                  |  |  |  |  |  |  |  |  |

## JC20 Rec'd PGT/PTO 17 OCT 2009

| U.S. APPLICATION I   |  | wn, see 37 CFR                               | l. 1.5)  | INTERNATIONAL APPLICATION N<br>PCT/JP2004/015905           | 10.                 | ATTORNEY'S DOCKET NUMBER 017700-0180 |                |                                   |                   |  |  |
|--|--|--|--|--|---------------------|--------------------------------------|----------------|-----------------------------------|-------------------|--|--|
|  | 77   | 3/450 000                                    |  |  |                     |                                      |                | · · ·                             |                   |  |  |
|  |  | fees fiave                                   | been sul   | omilieu.   | \$300               |                                      | \$             | 300.00                            |                   |  |  |
|  | sic natio<br>aminatio  |  |  |  | <b>D</b> .          |                                      | 9              | 300.00                            |                   |  |  |
| ¿¿. 🖂 EX   |  |  | ation reno   | ort prepared by USPTO an                                   | d all clain         | ns satisfy                           | •              | 200 20                            |                   |  |  |
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|  | earch fee  | <del></del>                                  |  | _  |                     |                                      |                |                                   |                   |  |  |
|  | CFR 1  | .445(a)(2)) l                                | has been   | paid on the international                                  | application         | on to the                            |                | 1                                 |                   |  |  |
| USPTO as a   |  |  |  |  |                     |                                      |                |                                   |                   |  |  |
| International S  |  |  |  |  |                     |                                      |                |                                   |                   |  |  |
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| sequence   | e listina d  | specification<br>or computer<br>tional 50 sh |  |  | !                   |                                      |                |                                   |                   |  |  |
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| earliest claime  | d priority   | date (37 C                                   | FR 1.492   | 2(e))  |                     |                                      | L              |                                   |                   |  |  |
| CLAIMS   | i  | NUMBER                                       | FILED  | NUMBER EXTRA   | F                   | RATE                                 | \$             |                                   |                   |  |  |
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| Independent (  |  |  |  |  | +\$                 | 360.00                               | \$             |                                   |                   |  |  |
| MULTIPLE DE  | PENDE  | NI CLAIM                                     | (S) (If app  | plicable)  |                     |                                      | \$             | 900.00                            |                   |  |  |
|  |  |  |  | TOTAL OF ABOV  |                     |                                      |                |                                   |                   |  |  |
|  |  |  | tity status  | s. See 37 CFR 1.27. Fees                                   | above ar            | e +                                  | \$             | 0.00                              |                   |  |  |
| reduce   | ed by ½  |  |  |  |                     | UBTOTAL =                            | \$             | 900.00                            |                   |  |  |
|  |  |  |  |  |                     |                                      | \$             | 300.00                            |                   |  |  |
| Processing fe  | e of 130   | .00 for furni                                | shing the  | English translation later th                               | an 30 mc            | กแกร                                 | ) 3            |                                   |                   |  |  |
| from the earlie  | est claim  | ed priority d                                | ate (3/ C  |  | AL NATI             | ONAL FEE =                           | <del>  s</del> | 900.00                            |                   |  |  |
| ļ  |  |  |  |  |                     |                                      | \$             |                                   |                   |  |  |
| Fee for record   | ling the   | enclosed as                                  | signmen  | t (37 CFR 1.21(h)). The as                                 | saignmen<br>Noors   | ronerty                              | "              |                                   |                   |  |  |
| accompanied  | by an a  | ppropriate c                                 | over she   | et (37 CFR 3.28, 3.31). 40                                 | EEEO E              | NCLOSED =                            | <b>  s</b>     | 900.00                            |                   |  |  |
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|  |  | _  | 1  | Amount to be refunded:                                     |                     |                                      |                |                                   |                   |  |  |
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|  |  |  |  |  |                     |                                      | <b>1</b>       | Charges.                          |                   |  |  |
| a. 🛛 A   | check i  | n the amou                                   | unt of \$9   | 900.00 to cover the above                                  | ve fees i           | s enclosed.                          |                |                                   |                   |  |  |
| b. Ple   | ease ch  | narge my D                                   | Deposit A  | Account No. 19-0741 in                                     | the amo             | ount of \$0 to                       | cove           | r the above fees.                 | •                 |  |  |
|  |  |  |  | et is enclosed.  |                     |                                      |                |                                   |                   |  |  |
| c. 🛛 Th  | e Com  | missioner<br>nent to Dei                     | is herel   | by authorized to charge<br>count No. <u>19-0741</u> .  A d | any ad<br>luplicate | ditional fees<br>copy of this        | whic<br>shee   | h may be requir<br>t is enclosed. | ed, or credit any |  |  |
|  |  |  |  | credit card. WARNING:                                      |                     |                                      |                |                                   | lic. Credit card  |  |  |
| inf  | ormati   | on should                                    | l not be   | included on this form                                      | . Provid            | e credit card                        | infon          | mation and author                 | orization on PTO- |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. |  |  |  |  |                     |                                      |                |                                   |                   |  |  |
| 1.157 (a) 01   | 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.  SEND ALL CORRESPONDENCE TO:  Foley & Lardner LLP  SIGNATURE  David A. Blumenthal |  |  |  |                     |                                      |                |                                   |                   |  |  |
| SEND ALL   | CORRI  | ESPONDE                                      | ra C. Chattayo   |  |                     |                                      |                |                                   |                   |  |  |
|  |  |  | URE ( Py # 41, 398   |  |                     |                                      |                |                                   |                   |  |  |
| F  | Foley & Lardner LLP  |  |  |  |                     |                                      | . Blumenthal   |                                   |                   |  |  |
|  |  | er Numbe                                     |  | 28   | lex                 | NAME                                 |                |                                   |                   |  |  |
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|  |  |  | DATION NUMBER  |  |                     |                                      |                |                                   |                   |  |  |
| 1  |  |  |  |  |                     | REGIST                               | RATION NUMBER  |                                   |                   |  |  |

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re International Application of Munetsugu UEYAMA and Jun FUJIKAMI International Serial Number: PCT/JP2004/015905

International Filing Date: October 27, 2004

For: Superconducting Wire, Superconducting Multifilamentary Wire Using the

Superconducting Wire, and Method of Manufacturing the Same

## VERIFICATION OF TRANSLATION

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231 Sir:

Gihei NAKAMURA, residing at c/o Fukami Patent Office, Nakanoshima Central Tower, 22nd Floor, 2·7, Nakanoshima 2·chome, Kita·ku, Osaka·shi, Osaka, Japan, declares:

- (1) that he knows well both the Japanese and English languages;
- (2) that he translated the above-identified International Application from Japanese to English;
- (3) that the attached English translation is a true and correct translation of the above-identified International Application to the best of his knowledge and belief, and
- (4) that all statements made of his own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements are made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and that such false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated this 6th day of October, 2005

Translator's Signature:

Gihei NAKAMI IRA